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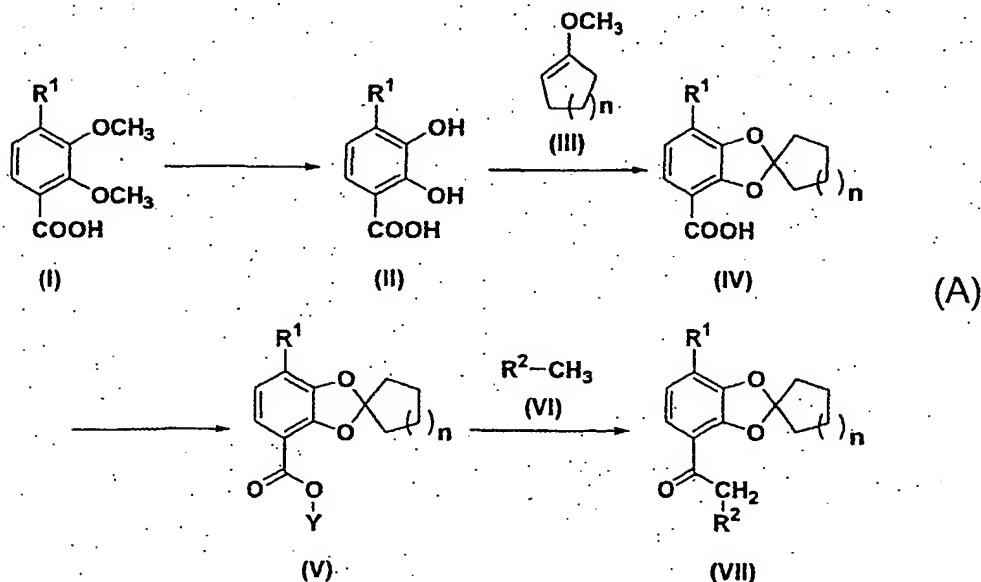
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(54) Title: PROCESS FOR PREPARATION OF 1,3-BENZODIOXOLE-2-SPIRO- CYCLOALKANE DERIVATIVES

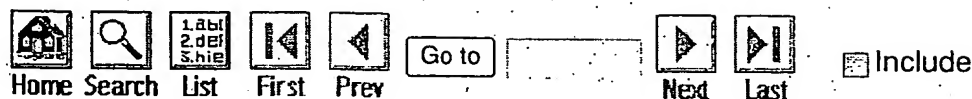
(54) 発明の名称: 1, 3-ベンゾジオキソール-2-スピロシクロアルカン誘導体の製造法



(57) Abstract: A process for the preparation of 1,3-benzodioxole-2- spirocycloalkane derivatives represented by the general formula (VII), characterized by adding a base to a mixture comprising a compound represented by the general formula (V) and a compound represented by the general formula (VI) to thereby make the compound (V) react with the compound (VI): (A) wherein R¹ is hydroxyl or substituted or unsubstituted lower alkoxy; R² is an aromatic heterocyclic group or the like; Y is lower alkyl or the like; and n is an integer of 1 to 6.

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WO 2004/005276 A1



MicroPatent® PatSearch Fulltext: Record 1 of 1

Search scope: US Granted US Applications EP-A EP-B WO JP (bibliographic data only) DE-C,B DE-A DE-T DE-U GB-A FR-A

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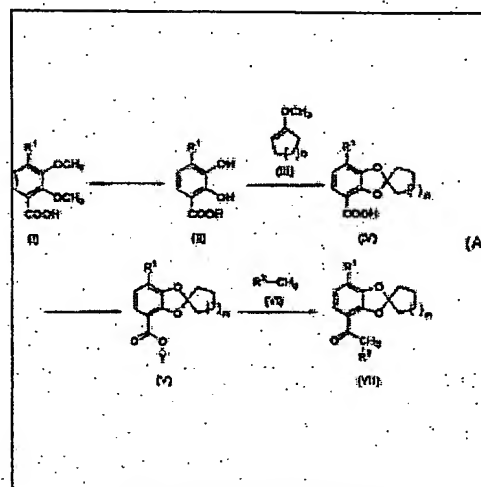
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PROCESS FOR PREPARATION OF 1,3-BENZODIOXOLE-2-SPIRO- CYCLOALKANE DERIVATIVES KYOWA HAKKO KOGYO CO., LTD.

Abstract:

A process for the preparation of 1,3-benzodioxole-2-spirocycloalkane derivatives represented by the general formula (VII), characterized by adding a base to a mixture comprising a compound represented by the general formula (V) and a compound represented by the general

formula (VI) to thereby make the compound (V) react with the compound (VI): (A) wherein R¹ is hydroxyl or substituted or unsubstituted lower alkoxy; R² is an aromatic heterocyclic group or the like; Y is lower alkyl or the like; and n is an integer of 1 to 6.



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BY KG KZ MD RU TJ TM AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IT LU MC NL PT RO SE SI SK TR BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG

Patents Cited:

→ EP0771794 (X) [0]

Patents Citing This One (6):

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REMEDY AND/OR PREVENTIVE FOR LUNG
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DRUG COMPOSITION
- WO2004087151 A1 20041014 KYOWA HAKKO KOGYO CO., LTD.
MEDICINAL COMPOSITION
- WO2004096274 A1 20041111 KYOWA HAKKO KOGYO CO., LTD.
DRUG FOR AIRWAY ADMINISTRATION

French Title: METHODE DE PREPARATION DE DERIVES DE 1,3-
BENZODIOXOLE-2-SPIRO-CYCLOALCANE

French Abstract: L'invention concerne une méthode de préparation de dérivés de 1,3- benzodioxole-2-spiro-cycloalcane de formule générale (VII), caractérisés par l'adjonction d'une base à un mélange contenant un composé de formule générale (V) et un composé de formule générale (VI), pour obtenir une réaction du composé (V) avec le composé (VI). Dans ladite formule, R 1 est hydroxyle ou alcoxy inférieur substitué ou insubstitué; R 2 est un groupe hétérocyclique aromatique ou analogue; Y est alkyle inférieur ou analogue; et n est un entier compris entre 1 et 6.

[Go to Claims](#)**Detailed Description**

NotAvailable

Claims (English)

{n/a}

Claims (French)

{n/a}

Claims (German)

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Claims (Spanish)

{n/a}



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First



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